

Experimental Set-up

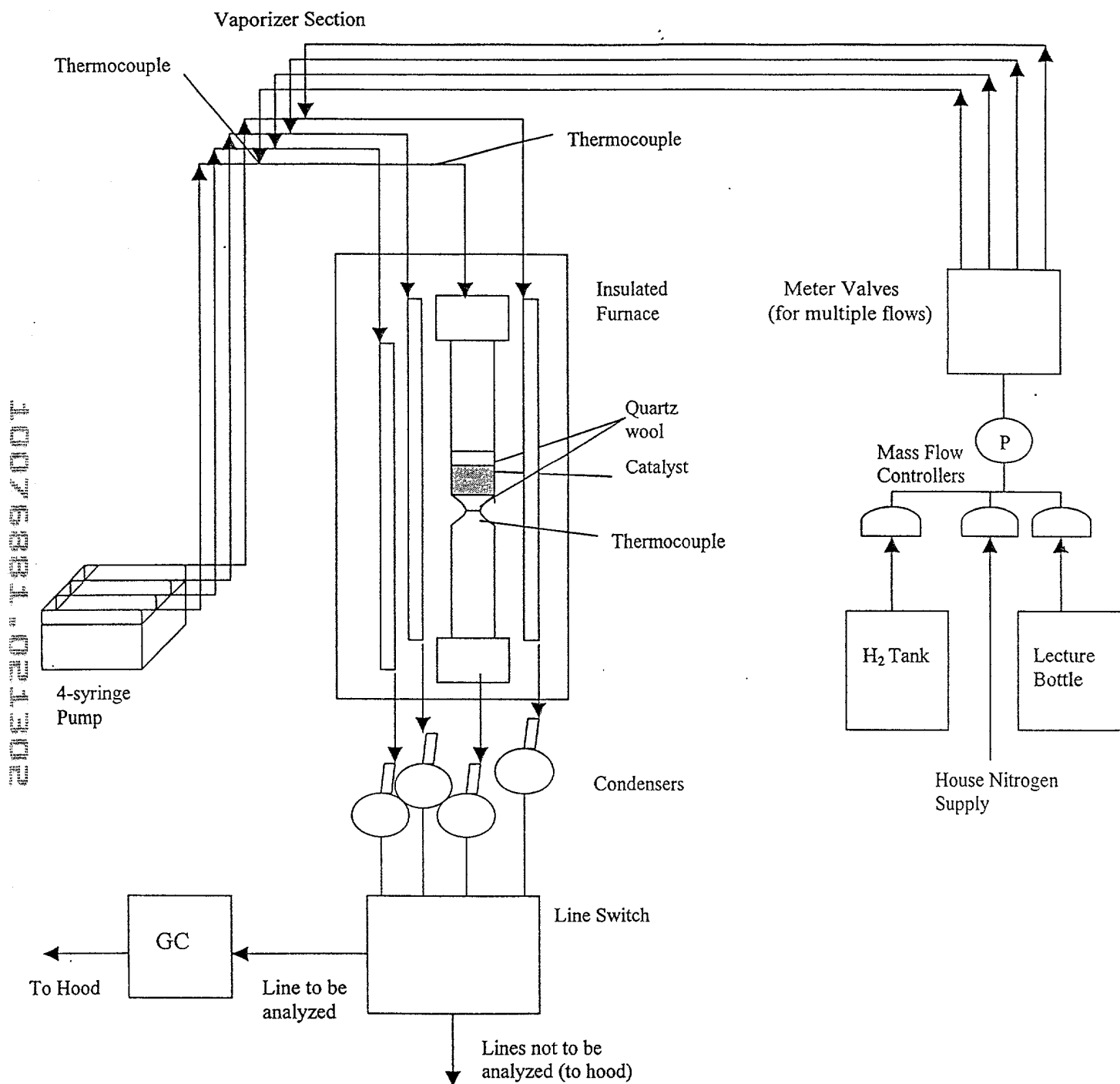


Fig. 1

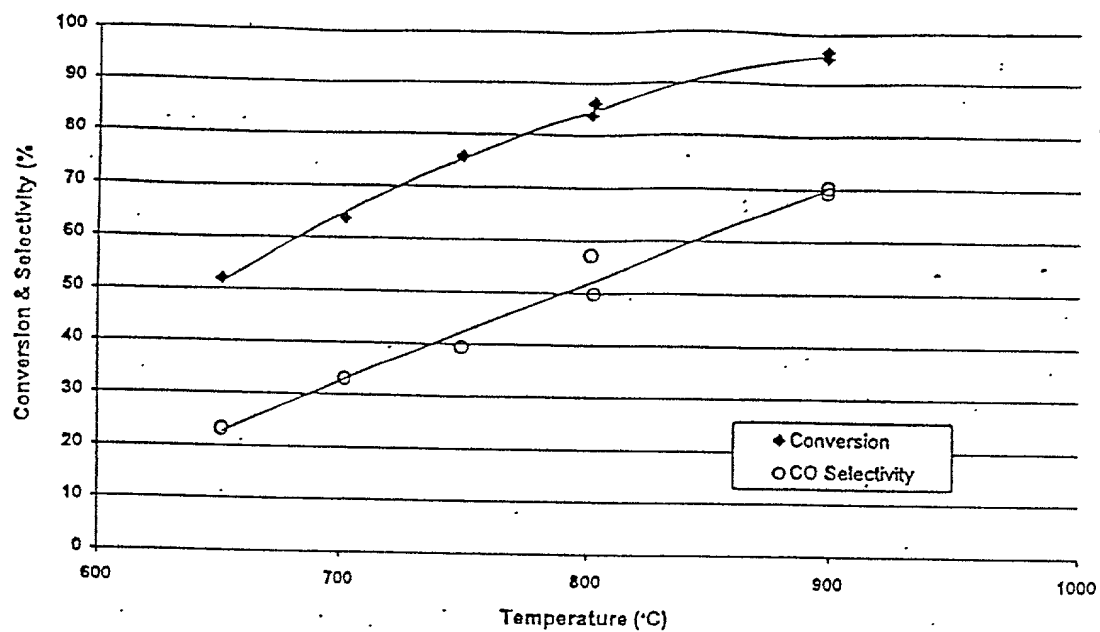


Fig. 2

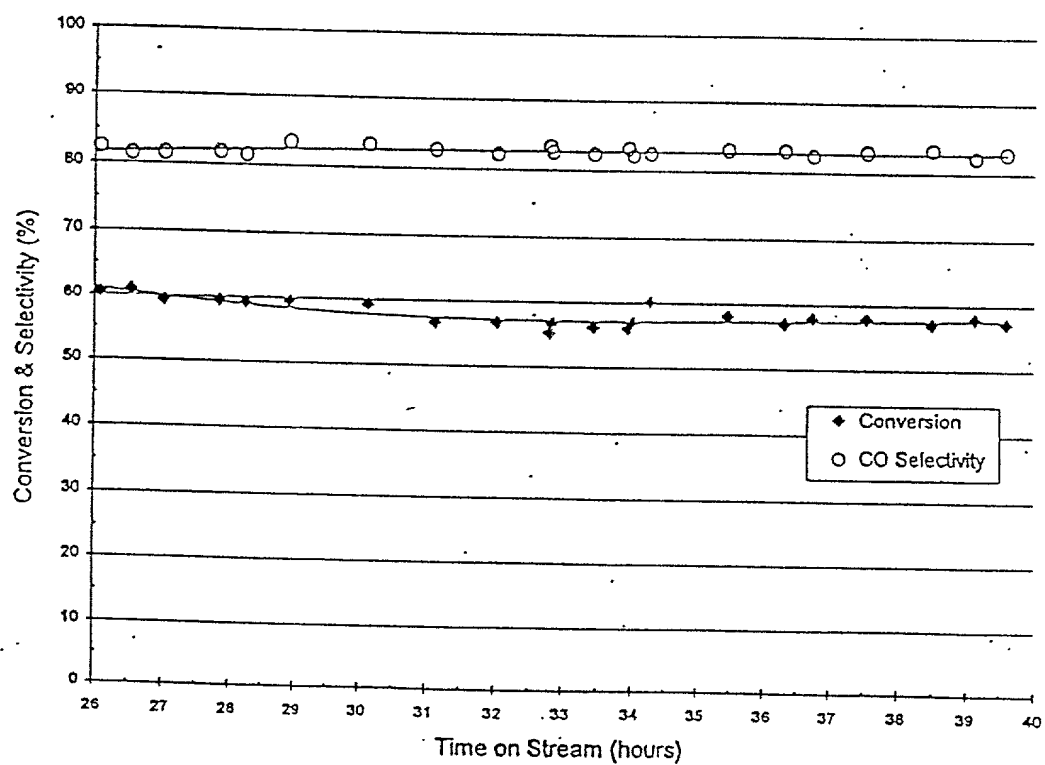


Fig. 3

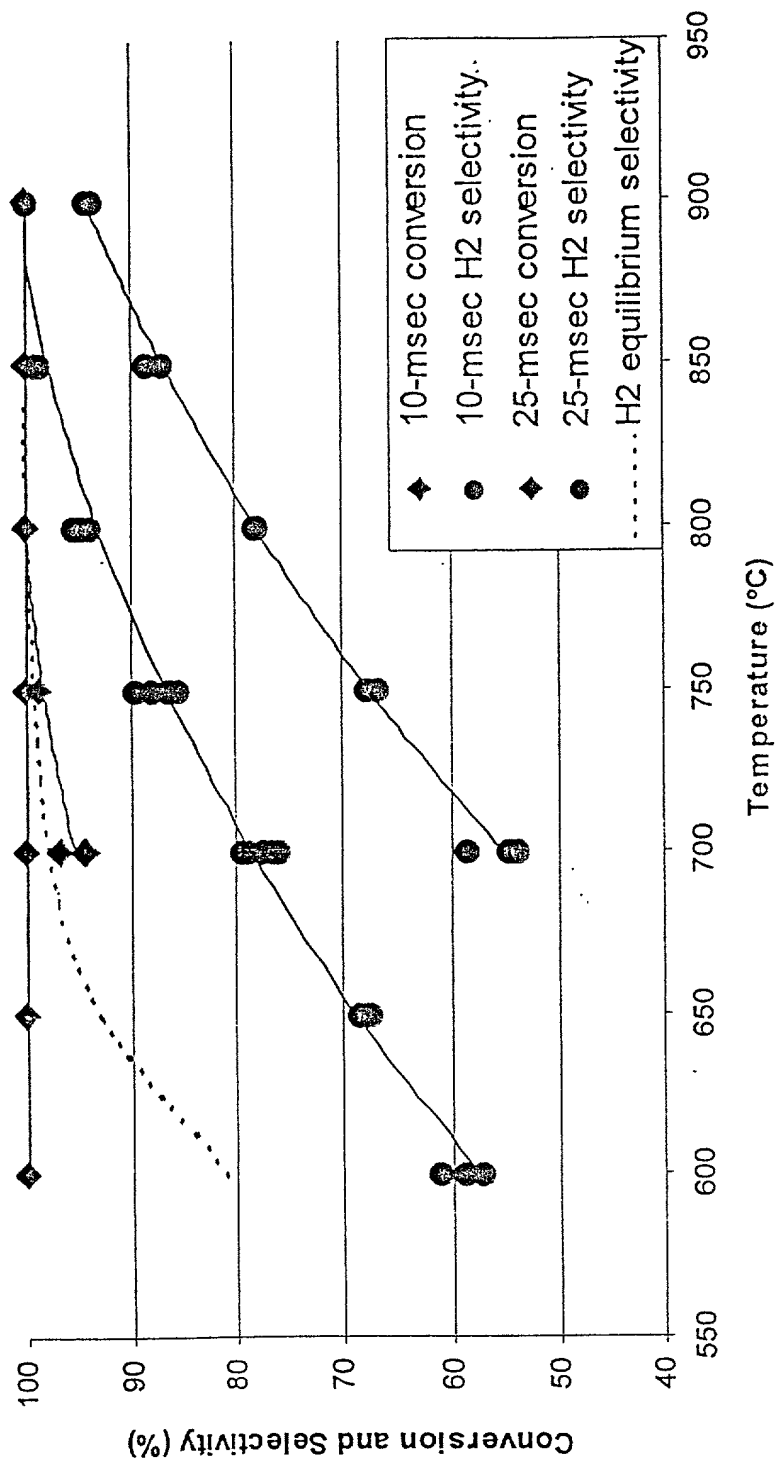


Fig. 4

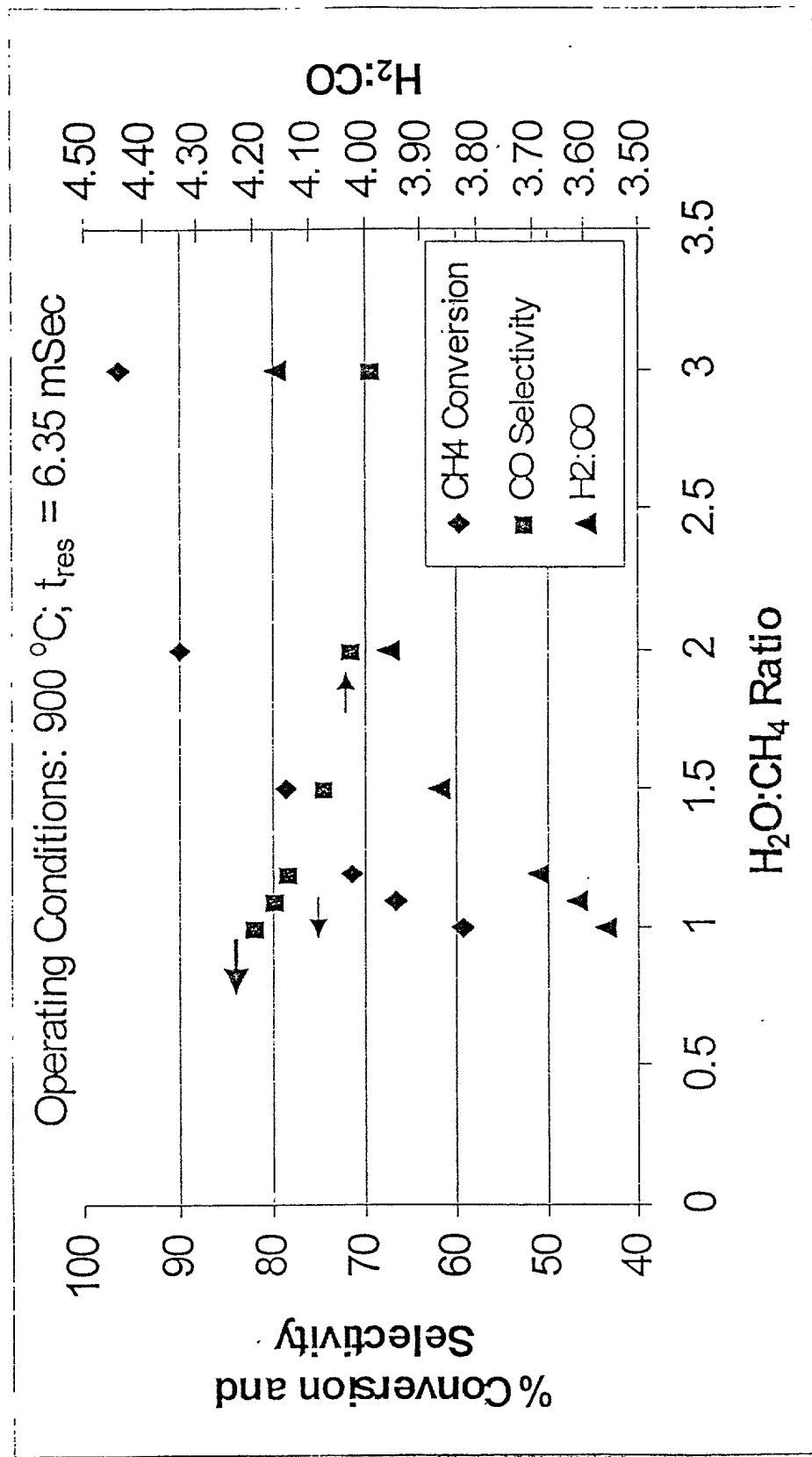


Fig. 5

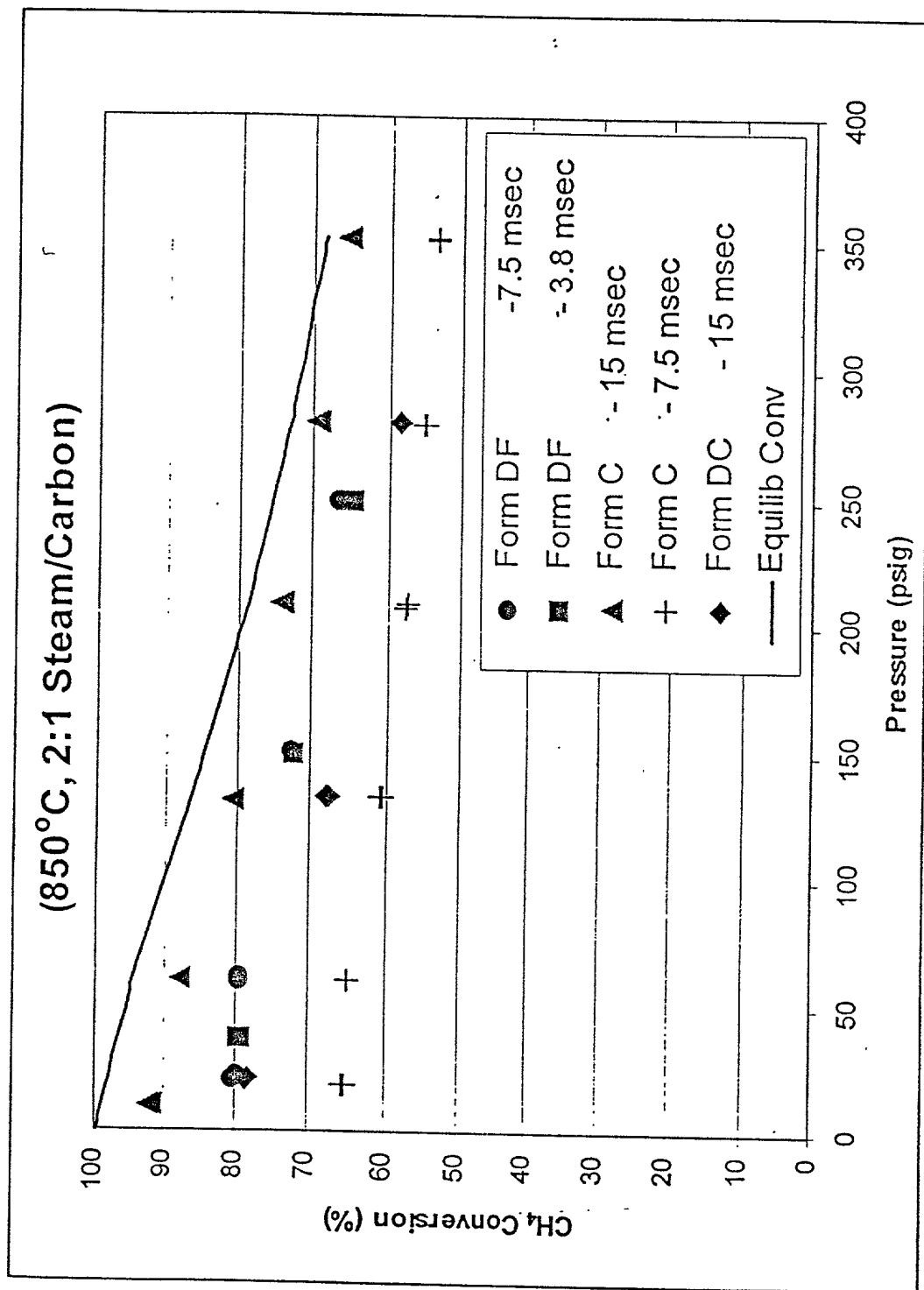


Fig. 6

25-msec CT, $H_2O:CH_4 = 3$

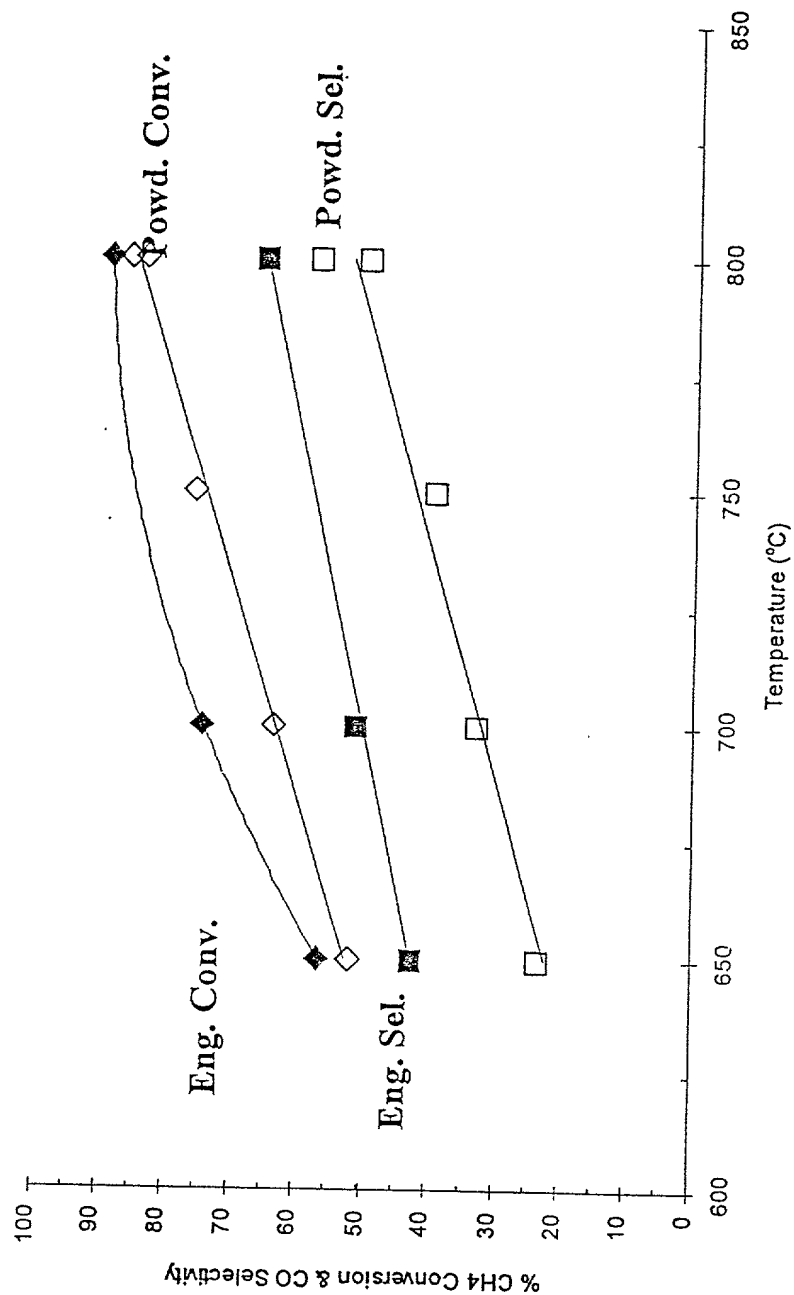


Fig. 7

Engineered Catalyst Structures
850C Constant Bed Temp; 2:1 Steam/Carbon

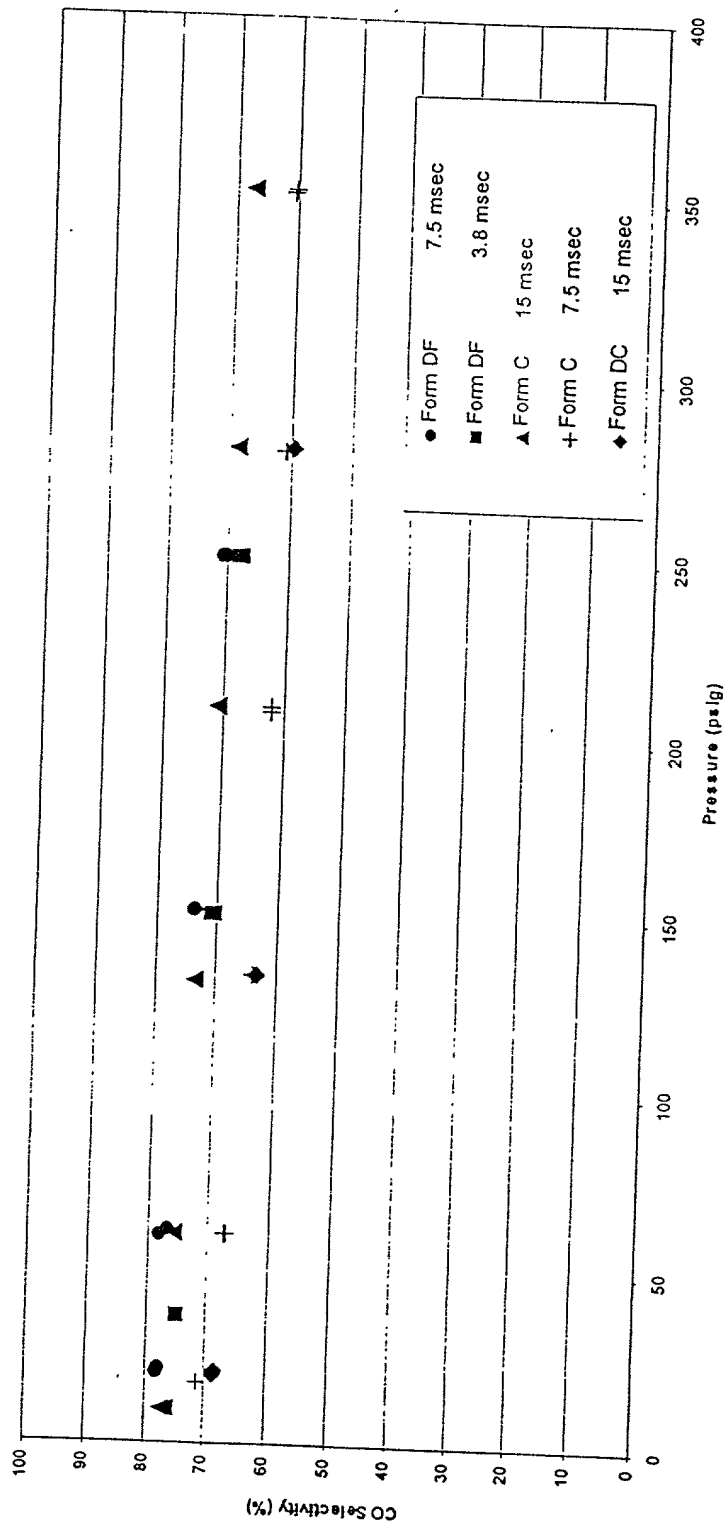


Fig. 8

FIG. 9

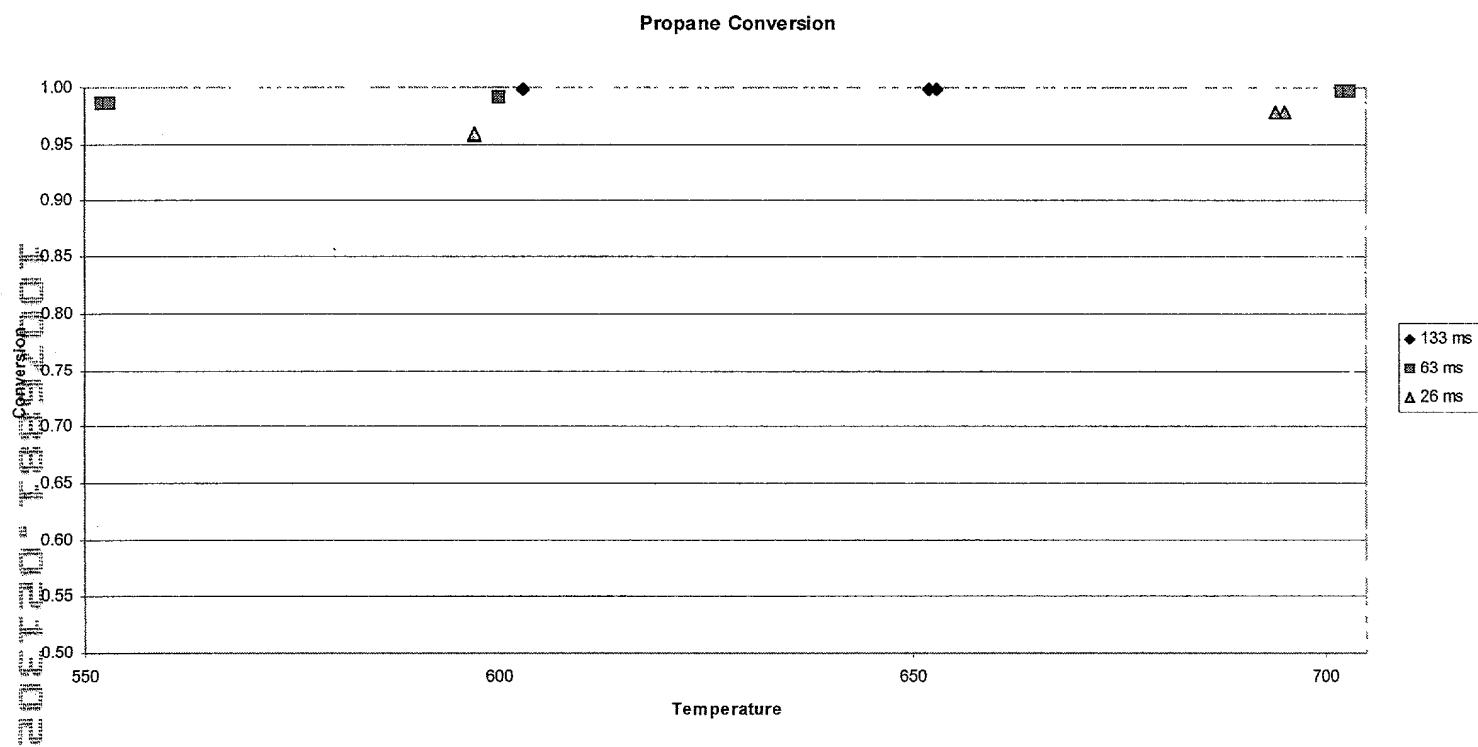
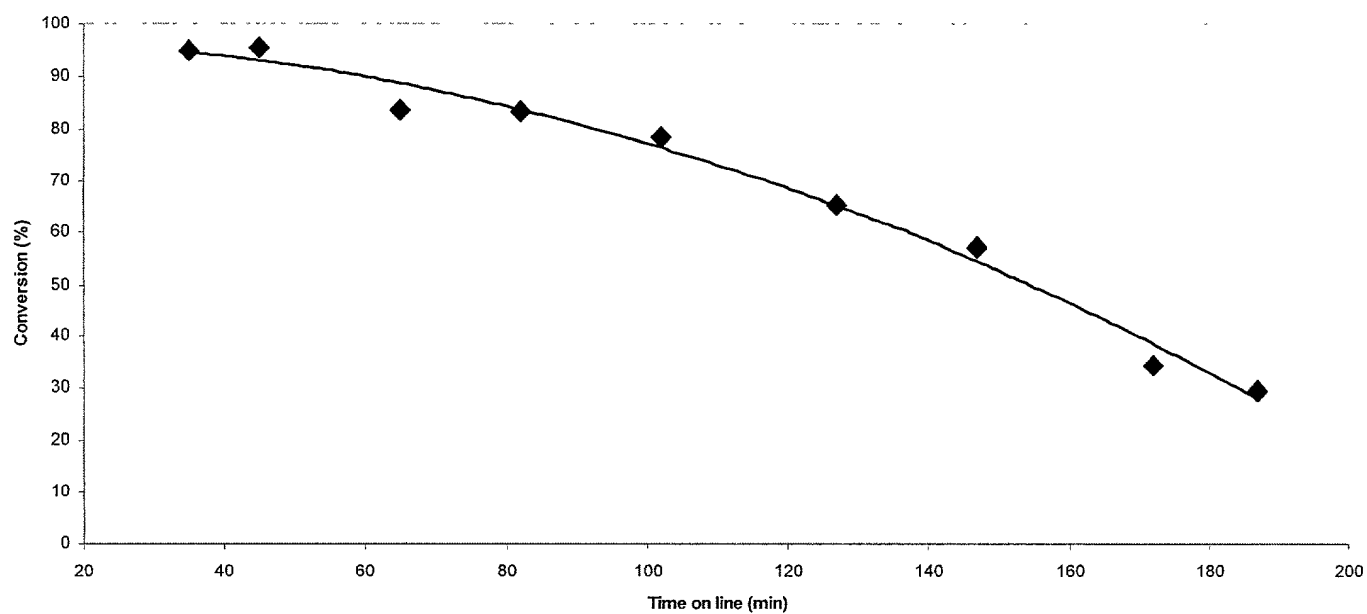


FIG. 10

JP-8 SR
Cat Bed Temperature 650C; 3:1 Steam to Carbon; 25 msec CT



Syn Fuel SR 13814-115 powder (R1)
(H₂O:C=3)

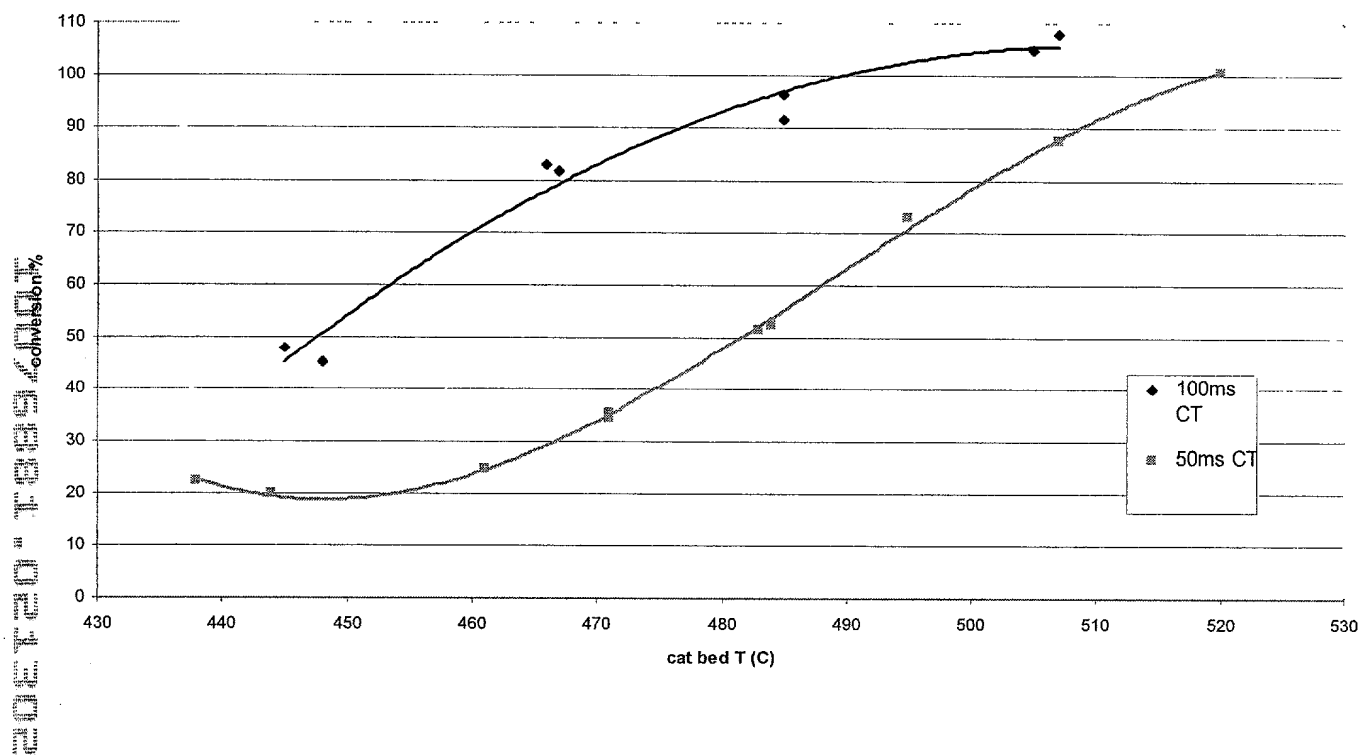


FIG. 11

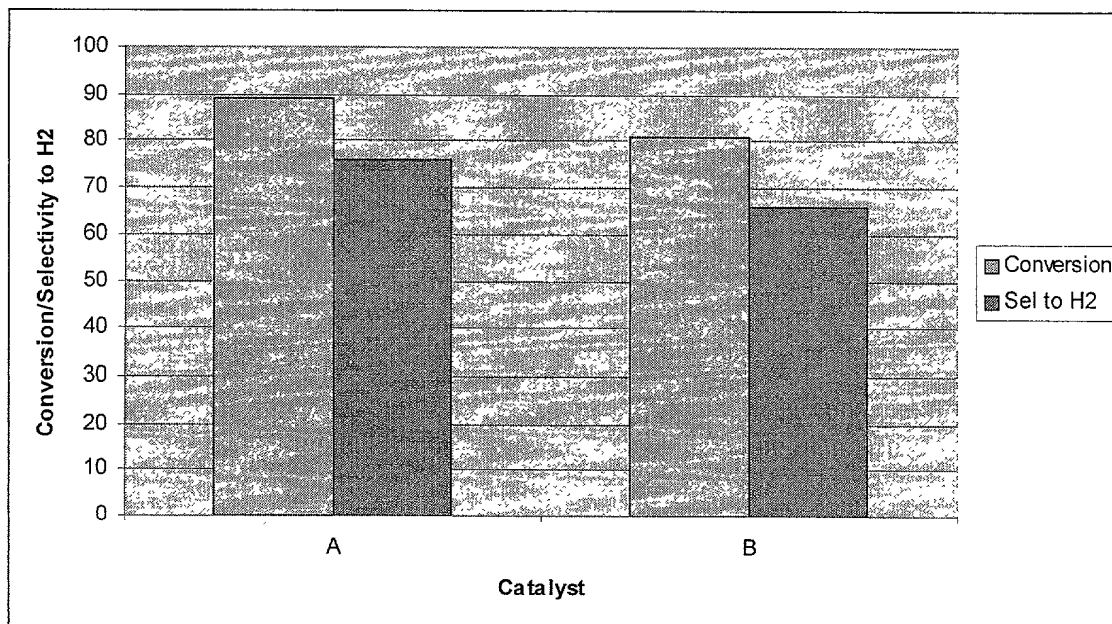


FIG. 12